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H103 H121 H122 H141 H142 H321 H322 H521 H522 H541 H542 H6 H601 H609
H663 H721 H722 H724 L142 L143 L199 M1 M113 M115 M116 M119 M123 M125
M126 M129 M133 M134 M139 M210 M211 M212 M213 M214 M215 M216 M220 M221
M222 M223 M224 M225 M226 M231 M232 M233 M240 M272 M273 M281 M282 M283
M312 M314 M320 M321 M322 M332 M342 M412 M413 M510 M511 M512 M522 M523
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F013 F014 F015 F019 F020 F029 F211 F299 F431 F499 G010 G013 G019 G020
G021 G029 G037 G038 G039 G040 G111 G112 G221 G299 G542 G552 G562 G572
H103 H121 H122 H141 H142 H321 H322 H521 H522 H541 H542 H6 H601 H609
H663 H721 H722 H724 L142 L143 L199 M1 M113 M115 M116 M119 M123 M125
M126 M129 M133 M134 M139 M210 M211 M212 M213 M214 M215 M216 M220 M221
M222 M223 M224 M225 M226 M231 M232 M233 M240 M272 M273 M281 M282 M283
M312 M314 M320 M321 M322 M332 M342 M412 M413 M510 M511 M512 M522 M523
M530 M531 M532 M541 M710 M903 M904 Q318 Q337 Q344 Q454 W003 W030 W335;
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PA - (KANE) KANEBO LTD

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AB - J07173151 Diarylethene compound(s) of formula (I) is new. A, B = aryl,
heteroaryl; R1, R3 = alkyl; R2, R4 = H, alkyl, dialkylamino, cyano,
nitro, alkoxy; l, m = 0-2; and n = 2-5. Optical write and read process
using (I)-contg. optical memory material (II) comprises: (1) optical
write into (II) using visible light; and (2) optical read from (II)
using visible light at a temp. lower than that of optical write by 40
deg. C or more.

- USE - (I) is useful as optical memory material.

- ADVANTAGE - (I) has photochromic property, good optical durability,
stability, sensitivity to semiconductor laser and large molecular
absorption coefficient.

- (Dwg.0/7)

CN - 9536-C2201-N

IW - NOVEL DI ARYL ETHYLENE COMPOUND USEFUL OPTICAL MEMORY MATERIAL OPTICAL
DURABLE SENSITIVE SEMICONDUCTOR LASER OPTICAL WRITING READ PROP
OPTICAL MEMORY MATERIAL

IKW - NOVEL DI ARYL ETHYLENE COMPOUND USEFUL OPTICAL MEMORY MATERIAL OPTICAL
DURABLE SENSITIVE SEMICONDUCTOR LASER OPTICAL WRITING READ PROP
OPTICAL MEMORY MATERIAL

NC - 001

OPD - 1992-12-02

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PAW - (KANE) KANEBO LTD

TI - Novel di:aryl:ethene cpds. useful as optical memory material - having
good optical durability, sensitivity to semiconductor laser, and
optical write and read props in optical memory material